

John Hunt, PE

Mechanical and Electrical Engineering / Principal in Charge

Hunt Engineering Services Inc.
President

Years of Experience: 25
Years with Hunt Engineering: 15



Education

- Bachelor of Science, Architectural Engineering, Kansas State University



Organizations

- American Society of Heating Refrigeration and Air-Conditioning Engineers
- BICSI-Building Industries Consulting Services International
- NSPE-National Society of Professional Engineers

Professional Registrations

- Electrical Engineer/1994, State of Washington, OR, CA, UT, AZ, CO, ID, ND, NV, NE, MT, PA, TX
- Mechanical Engineer/1995, State of Washington, OR, CA, UT, AZ, CO, ID, ND, NE, MT, PA, TX
- National Council of Professional Engineers
- RCDD Registered Communications Distribution Designer

Professional Experience

President and Chief of Engineering of Hunt Engineering for the past 15 years, John has the overall working knowledge of design and construction administration to successfully guide projects through the design and construction process. He has extensive experience in electrical and mechanical engineering and design for a wide range of commercial and institutional clients. He has extensive experience in facilities that operate on a 24/7 basis. John's large breadth of knowledge in this area facilitates the coordination and design of the many different systems involved in these buildings. Mr. Hunt is unique in that he is a registered Electrical and Mechanical Engineer as well as being RCDD-certified.

Representative Projects

Stadium Technology Building; Seattle, WA, 2008-09 LEED Gold

Provided mechanical and electrical engineering for this 6-story, 280,000 SF, mixed-use building designed to support factory, business, retail and restaurant occupancies. Innovations in the design of the mechanical systems provided a significant contribution to the building obtaining a LEED Gold certification.

Jefferson Healthcare Hospital, Port Townsend, WA, On call engineering 2010 to present

Projects including Lab HVAC system consulting, Medical Gas upgrades, HVAC addition for Medical Records, Sterilization systems, Kitchen equipment gas conversion, and Surgery AHU system consulting.

T-Mobile - Snoqualmie Data Center (Multiple Projects); Snoqualmie, WA, 2005-2008

Provided mechanical and electrical engineering, Functioned as Prime Consultant, Provided Construction Administration on weekly basis for the duration for this project. The net result of these multiple projects were to upgrade a former data lab space that was functioning as a production data center at 1,000 amps to two side by side data centers with two 4,000 amp services, 8 MW of closed transition paralleling, traditional and high density cooling all with high level of redundancy. All this was accomplished with no interruption to the standard operations of the facility and without relocating existing data cabinets and production equipment.

Seattle Children's Hospital, Dry Cooler Replacement Upgrade, Sand Point Way Facility 2012

Furnished Prime Consultant and mechanical and electrical engineering to replace the existing data center outside cooling plant. This project required the cooling capacity of the outside plant to be doubled and still fit in the same footprint. Additional challenges included the requirement to keep the cooling system operational at all times and to meet strict acoustical requirements for adjacent residential property. Hybrid dry coolers were utilized in this solution with a special acoustical enclosure. Value of project: \$1.5 million.

Sail River Longhouse and Community Club House; Neah Bay, WA, 2012-2014

Designed to Washington State Evergreen Sustainable Development Standards. Mr. Hunt provided mechanical & electrical engineering and project management for this mixed use development consisting of townhomes, a community multiuse building, and apartment complex.

Federal Fiber Credit Union Corporate Headquarters; Longview WA 2006-2007

Design of the mechanical and electrical systems for this new, 3-story, mixed use office building. 38,000 s.f. Cost of mechanical and electrical systems: \$1,100,000

North Olympic Peninsula Skills Center, Olympic Peninsula, WA, 2005

Mechanical and Electrical Engineering for this new industrial skills training facility. This project included a computer room, power connections for industrial machinery, HVAC, paint booth and dust removal system. Size: 8,500 s.f.. In 2010 mechanical systems upgrades were added to support the composites area of the facility with fume removal work tables, composite dust removal system and clean air booth.

Olympic Ambulance Facility, Bremerton WA 2006-2007

Furnished mechanical and electrical engineering for this new, 2-story, ambulance facility. This fully manned, 6,000 square foot station included sleeping and cooking facilities and automatic signaling and shut off controls.

Ranier Brewery Worklofts & Storage, Seattle, WA 2007-2008

provided mechanical engineering & design for a mixed use, 10-story, high-rise building with a large number of Differing HVAC requirements including semi-heated storage spaces, light manufacturing spaces, parking, office space & residential Space. The HVAC demands required highly innovative design approaches to satisfy the building's heating requirements while Meeting energy code requirements. The project also included an extensive smoke control system as well as pressurization & Ventilation systems for the elevator towers & stair towers. Size: 223,760 s.f.